

WHAT IS CLAIMED IS:

- 1 1. A display apparatus comprising:
2 a displaying section for displaying document
3 contents made up in units of page;
4 a displaying control section for controlling a
5 display state of said displaying section;
6 means for providing a reading display mode of
7 displaying the whole contents of each page of said
8 document contents on said displaying section;
9 means for providing a plurality of automatic
10 paging display modes of conducting page ejection
11 (paging) at different speeds and successively
12 displaying partially or schematically the contents of
13 each page of said document contents on said displaying
14 section according to a display method corresponding
15 to each of said different speeds; and
16 selecting means for selecting one of said reading
17 display mode and said plurality of automatic paging
18 display modes,
19 said display control section controlling the
20 display state of said displaying section to display
21 said document contents on said displaying section in
22 the display mode selected by said selecting means.
- 1 2. A display apparatus according to claim 1, wherein
2 said plurality of automatic paging display modes

3 includes at least two modes of a cursory reading display
4 mode of making display so that the outline of the
5 contents of each page is seizable to a reader and a
6 general view display mode of conducting page ejection
7 (paging) at a speed higher than that of said cursory
8 reading display mode to make display so that the whole
9 of each page is generally viewable to said reader.

1 3. A display apparatus according to claim 2, wherein,
2 in said cursory reading display mode, only a title of
3 each page is extracted and displayed to provide title-
4 display, while in said general view display mode, a
5 layout of each page is illustratively displayed to
6 provide layout-display.

1 4. A display apparatus according to claim 1, wherein,
2 in at least one of said plurality of automatic paging
3 display modes, said display method makes said
4 displaying section display partially each page by
5 extracting a document element corresponding to a
6 predetermined condition from document elements
7 constituting each page and displaying said extracted
8 document element on said displaying section.

1 5. A display apparatus according to claim 4, wherein
2 said condition involves a font size.

1 6. A display apparatus according to claim 4, wherein
2 said condition involves a font type.

1 7. A display apparatus according to claim 1, wherein,
2 in at least one of said plurality of automatic paging
3 display modes, said display method makes said
4 displaying section display partially each page by
5 extracting only an image from each page and displaying
6 said extracted image on said displaying section.

1 8. A display apparatus according to claim 1, wherein,
2 in at least one of said plurality of automatic paging
3 display modes, said display method makes said
4 displaying section display schematically each page by
5 changing a display resolution on each page in
6 accordance with said speed.

1 9. A display apparatus according to claim 1, further
2 comprising establishing means for individually
3 establishing said display method in each of said
4 plurality of automatic paging display modes.

1 10. A display apparatus according to claim 9, wherein
2 said establishing means is additionally made to
3 establish said speed in each of said plurality of
4 automatic paging display modes.

1 11. A display apparatus according to claim 1, wherein
2 said selecting means is equipped with a paging switch,
3 and is made to determine said automatic paging display
4 mode to be selected, on the basis of a manipulation
5 time of said paging switch.

1 12. A display apparatus according to claim 1, wherein
2 said selecting means is equipped with a plurality of
3 paging switches, and is made to determine said
4 automatic paging display mode to be selected, on the
5 basis of a manipulation method of said plurality of
6 paging switches.

1 13. A computer-readable recording medium in which a
2 display control program is recorded, wherein, in order
3 to display document contents, made up in units of page,
4 on a displaying section, said display control program
5 making a computer function as the following:

6 means for providing a reading display mode of
7 displaying the whole contents of each page of said
8 document contents on said displaying section;

9 means for providing a plurality of automatic
10 paging display modes of conducting page ejection
11 (paging) at different speeds and successively
12 displaying partially or schematically the contents of
13 each page of said document contents on said displaying
14 section according to a display method corresponding

15 to each of said different speeds; and

16 a display control section to control a display
17 state of said displaying section for displaying said
18 document contents on said displaying section in a
19 display mode selected from said reading display mode
20 and said plurality of automatic paging display modes.

1 14. A computer-readable recording medium according
2 to claim 13, wherein said plurality of automatic paging
3 display modes includes at least two modes of a cursory
4 reading display mode of making display so that the
5 outline of the contents of each page is seizable to
6 a reader and a general view display mode of conducting
7 page ejection (paging) at a speed higher than that of
8 said cursory reading display mode to make display so
9 that the whole of each page is generally viewable to
10 said reader.

1 15. A computer-readable recording medium according
2 to claim 14, wherein, in said cursory reading display
3 mode, only a title of each page is extracted and
4 displayed to provide title-display, while in said
5 general view display mode, a layout of each page is
6 illustratively displayed to provide layout-display.

1 16. A computer-readable recording medium according
2 to claim 13, wherein, in at least one of said plurality

3 of automatic paging display modes, said display method
4 makes said displaying section display partially each
5 page by extracting a document element corresponding
6 to a predetermined condition from document elements
7 constituting each page and displaying said extracted
8 document element on said displaying section.

1 17. A computer-readable recording medium according
2 to claim 16, wherein said condition involves a font
3 size.

1 18. A computer-readable recording medium according
2 to claim 16, wherein said condition involves a font
3 type.

1 19. A computer-readable recording medium according
2 to claim 13, wherein, in at least one of said plurality
3 of automatic paging display modes, said display method
4 makes said displaying section display partially each
5 page by extracting only an image from each page and
6 displaying said extracted image on said displaying
7 section.

1 20. A computer-readable recording medium according
2 to claim 13, wherein, in at least one of said plurality
3 of automatic paging display modes, said display method
4 makes said displaying section display schematically

- 5 each page by changing a display resolution on each page
- 6 in accordance with said speed.